

Title (en)
COLUMN COMPRISING A FLUID INLET DEVICE

Title (de)
KOLONNE UMFASSEND EINE ZULAUFVORRICHTUNG

Title (fr)
COLONNE COMPRENANT UN DISPOSITIF D'ALIMENTATION EN FLUIDE

Publication
EP 1255597 A1 20021113 (EN)

Application
EP 01911657 A 20010216

Priority
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• EP 0101813 W 20010216
• EP 00200518 A 20000216

Abstract (en)
[origin: US6386520B2] A fluid inlet device for introducing a mixture of liquid and gas into a column provided with an inlet nozzle and with a horizontal gas/liquid contact tray arranged in the column below the inlet nozzle provided with a number of elongated downcomers between which bubbling areas are located, which inlet device consists of an inlet end that is in fluid communication with the inlet nozzle and a number of vertical vanes placed one behind the other, wherein each vane consists of two interconnected parts, an intercepting part and an outwardly directed deflecting part, wherein the intercepting part extends to the inlet end of the inlet device, and wherein an outlet channel defined by the deflecting parts of two adjacent vanes opens above a bubbling area of the contact tray.

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